



PATENT

*JPW*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mark S. Moir et al.

Title: SOFTWARE TRANSACTIONAL MEMORY FOR DYNAMICALLY
SIZABLE SHARED DATA STRUCTURES

Application No.: 10/621,072

Filed: July 16, 2003

Examiner: Horace L. Flournoy

Group Art Unit: 2189

Atty. Docket No.: 004-8428

Confirmation No.: 1240

January 27, 2006

Mail Stop Amendment
COMMISSIONER FOR PATENTS
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Alexandria, VA 22313-1450**INFORMATION DISCLOSURE STATEMENT**
37 C.F.R. § 1.97(b)

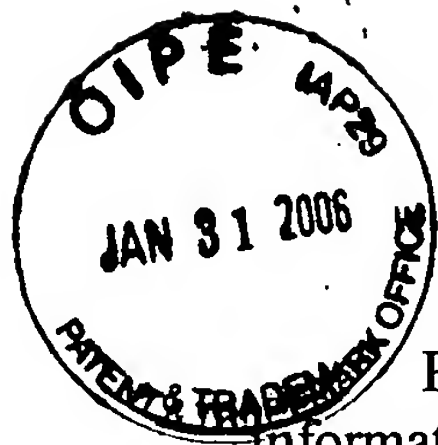
Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

- ☐ Form(s) PTO/SB/08A (N/A page(s), with copy of no reference(s)).
- ☒ Form(s) PTO/SB/08B (1 page(s), with copy of 10 reference(s)).
- ☐ Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- ☐ Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

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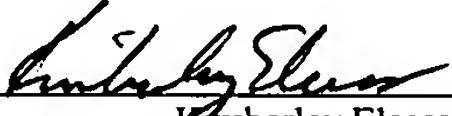
Pursuant to operative regulations, certain copies need not be provided and corresponding information is identified in this Information Disclosure Statement by citation only. In particular,

- ☒ In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of cited U.S. Patents and U.S. Patent Application Publications are not included.
- ☐ Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included.
- ☐ Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included.

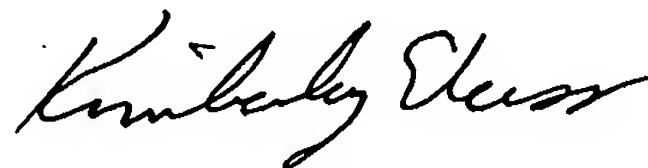
FEE AUTHORIZATION

- ☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☒ The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

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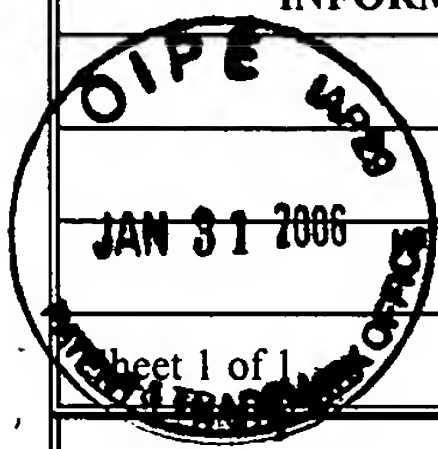
Respectfully submitted,



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PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-8428
		Application No.: 10/621,072
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Mark S. Moir
		Filing Date: July 16, 2003
		Group Art Unit: 2189
		Examiner Name: Horace L. Flournoy
		Date Submitted: January 27, 2006



NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	AFEK, Yehuda, "Atomic Snapshots of Shared Memory," Journal of the ACM, vol. 40, no. 4, pp. 873-890, 1993.	
	2	AGESEN, Ole et al., "An Efficient Meta-Lock for Implementing Ubiquitous Synchronization," ACM SIGPLAN Notices, vol. 34, no. 10, pp. 207-222, October 1999.	
	3	ANDERSON, James H. et al., "Universal Constructions for Large Objects," <i>IEEE Transactions on Parallel and Distributed Systems</i> , vol. 10, no. 12, pp. 1317-1332, 1999.	
	4	MELLOR-CRUMMEY, J., et al., "Algorithms for Scalable Synchronization on Shared-Memory Multiprocessors," <i>ACM Transactions on Computer Systems</i> , vol. 9, no. 1, pp. 21-65, February 1991.	
	5	PRAKASH, Sundeep et al., "Non-Blocking Algorithms for Concurrent Data Structures," Technical Report 91-002, University of Florida, July 1, 1991 [URL: http://citeseer.ist.psu.edu/prakash91nonblocking.html].	
	6	PRAKASH, Sundeep et al., "A Nonblocking Algorithm for Shared Queues Using Compare-and-Swap," <i>IEEE Transactions on Computers</i> , vol. 43, no. 5, pp. 548-559, May 1994.	
	7	SHANN, Chien-Hua et al., "A Practical Nonblocking Queue Algorithm Using Compare-and Swap," <i>Proceedings of the Seventh International Conference on Parallel and Distributed Systems</i> p. 470, IEEE Computer Society, Washington, D.C., 2000.	
	8	SHAVIT, N., et al., "Elimination Trees and the Construction of Pools and Stacks," <i>Theory of Computing Systems</i> , vol. 30, pp. 645-670, 1997.	
	9	STONE, Janice M., "A simple and correct shared-queue algorithm using Compare-and-Swap," <i>Proceedings of the 1990 ACM/IEEE Conference on Supercomputing</i> , pp. 495-504, IEEE Computer Society, New York, NY, 1990.	
	10	VALOIS, John D., "Lock-Free Linked Lists Using Compare-and-Swap," <i>Proceedings of the Fourteenth ACM Symposium on Principles of Distributed Computing</i> , pp. 214-222, ACM Press, New York, NY 1995.	

Examiner Signature		Date Considered	
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